

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. 36968.265393 (BS01377)	Serial No. 10/020,779
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s): Scott R. Swix William R. Matz	
	Filing Date December 14, 2001	Group 2161

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Technology Center 2100



U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>gub</i>	5,818,438	10/06/1998	Howe, et al.	345	327	04/25/1995
<i>gub</i>	5,892,508	04/06/1999	Howe, et al.	345	327	02/05/1998

FOREIGN PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)

EXAMINER <i>gub</i>	DATE CONSIDERED 11/2/05
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PTO/SB/08A (04-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3**Complete if Known**

Application Number	10/020,779
Filing Date	12/14/2001
First Named Inventor	SWIX
Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>gus</i>		US- 5,948,061	9/7/1999	Merriman et al.	
<i>gus</i>		US- 5,794,210	8/11/1998	Goldhaber et al.	
<i>gus</i>		US- 5,724,521	3-1998	Dedrick	
<i>gus</i>		US- 5,892,536	4-1999	Logan	
<i>gus</i>		US- 5,800,364	2-1997	Hendricks	
<i>gus</i>		US- 6,282,713	8-2001	Kitsukawa	
<i>gus</i>		US- 6,477,704	11-2002	Cremia	
<i>gus</i>		US- 5,389,964	2-1995	Oberle	
<i>gus</i>		US- 6,002,393	12-1999	Hite	
<i>gus</i>		US- 4,912,552	3-1990	Allison	
<i>gus</i>		US- 6,446,261	9-2002	Rosser	
<i>gus</i>		US- 5,848,398	12-1998	Gerace	
		US- 5,948,061	9-1999	Merriman	Duplicate submission
<i>gus</i>		US- 6,100,916	8-2000	August	
<i>gus</i>		US- 6,314,577	11/6/2001	Pocock	
		US- 5,892,508	4/6/1999	Howe	Duplicate submission
		US- 5,818,438	10/6/1998	Howe	" "
<i>gus</i>		US- 6,076,094	6/13/2000	Cohen	
<i>gus</i>		US- 6,172,674	1/9/2001	Etheridge	

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS			
		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
<i>gus</i>		WO 99 52285A	10/14/1999		
<i>gus</i>		WO 99 04561A	1/28/1999		
<i>gus</i>		WO 99 45702A	9/10/1999		
<i>gus</i>		EP 0 424 648A	2/2/1991		
<i>gus</i>		EP 1162840 A2	12-2001	Wilson	

Examiner Signature	<i>gus</i>	Date Considered	11/2/05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 97**Complete If Known**

Application Number	10/020,779
Filing Date	12/14/2001
First Named Inventor	SWIX
Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>SWIX</i>		US- 6,252,586	6/26/2001	Freeman	
<i>SWIX</i>		US- 5,861,516	8/1997	Carles	
<i>SWIX</i>		US- 5,774,170	6-1998	Hite	
<i>SWIX</i>		US- 5,758,257	5-1998	Herz	
<i>SWIX</i>		US- 5,410,344	4-1995	Graves	
<i>SWIX</i>		US- 5,754,393	5-1998	Herz	
<i>SWIX</i>		US- 5,838,314	11-1998	Neel	
<i>SWIX</i>		US- 6,029,045	1-2001	Alexander	
<i>SWIX</i>		US- 6,463,468	10-2002	Buch	
<i>SWIX</i>		US- 6,496,818	12-2002	Ponte	
<i>SWIX</i>		US- 6,507,839	1-2003	Ponte	
<i>SWIX</i>		US- 6,510,417	1-2003	Woods	
<i>SWIX</i>		US- 6,631,360	10-2003	Cook	
<i>SWIX</i>		US- 4,602,279	7-1986	Freeman	
<i>SWIX</i>		US- 5,446,919	8-1995	Wilkins	
<i>SWIX</i>		US- 5,585,865	12-1998	Amano	
<i>SWIX</i>		US- 5,758,259	6-1998	Lawler	
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<i>SWIX</i>		US- 5,973,683	10-1999	Cragun	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code ² Number ³ Kind Code ⁴ (if known)				

Examiner Signature	<i>SWIX</i>	Date Considered	11/3/05
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/020,779
		Filing Date	12/14/2001
		First Named Inventor	SWIX
		Art Unit	2161
		Examiner Name	Unknown
Sheet 3 of 7	Attorney Docket Number	BS01377	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
gub		US- 6,005,597	12-1999	Barrett	
gub		US- 6,314,588	11-2001	Ochiai	
gub		US- 6,457,010	9-2002	Eldering	
gub		US- 2002/0143647	10-2002	Headings	
gub		US- 2002/0199197	12-2002	Winter	
gub		US- 5,543,911	7-1996	Levitan	
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gub		US- 6,202,210	3-2001	Ludtke	
gub		US- 5,630,119	5/13/1997	Aristides	
gub		US- 5,917,481	6/29/1999	Rzeszewski	
gub		US- 5,983,227	11/9/1999	Nazem	
gub		US- 5,038,211	8/6/1991	Hallenbeck	
gub		US- 5,559,548	9/24/1996	Davis	
gub		US- 6,463,585	10/2002	Hendricks	
gub		US- 6,505,348	1-2003	Knowles	
gub		US- 6,185,614	2/2001	Cuomo	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code* ² Number* ³ Kind Code* ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	<i>gub</i>	Date Considered	4/3/05
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/020,779
		Filing Date	12/14/2001
		First Named Inventor	SWIX
		Group Art Unit	2161
		Examiner Name	
Sheet 4 of 7	Attorney Docket Number	BS01377	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Case No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
910		US- 3,788,610		Bliss et al.	03-19-1974	
910		US- 3,886,302		Kosco	05-27-1976	
910		US- 4,130,833		Chomet	12-19-1978	
910		US- 4,258,388		Cheung	03-24-1981	
910		US- 4,361,851		Asip et al.	11-30-1982	
910		US- 4,488,179		Kruger et al.	12-11-1984	
910		US- 4,568,030		Nickerson et al.	01-21-1986	
910		US- 4,587,591		Gray et al.	02-28-1988	
910		US- 4,598,288		Yerabough et al.	07-01-1988	
910		US- 4,888,248		Tomizawa	08-18-1987	
910		US- 4,689,681		Barbieri et al.	08-25-1987	
910		US- 4,697,209		Klewitt et al.	09-1987	
910		US- 4,720,873		Goodman et al.	01-19-1988	
910		US- 4,816,804		McKenna et al.	03-28-1989	
910		US- 4,890,322		Russell, Jr.	12-26-1989	
910		US- 4,912,652		Alfison, III, et al.	03-27-1990	
910		US- 5,010,585		Garda	04-23-1991	
910		US- 5,048,090		Walker et al.	08-03-1991	
910		US- 5,048,092		Walker et al.	08-03-1991	
910		US- 5,055,824		Skutta	10-08-1991	
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910		US- 5,191, 645		Carlucci et al.	03-02-1993	
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910		US- 5,335,277		Harvey et al.	08-02-94	
910		US- 5,339,315		Maeda et al.	06-16-1994	
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910		US- 5,374,851		Walsh	12-20-1994	
910		US- 5,357,278		Banker et al.	10-18-1994	
910		US- 5,404,393		Ramblard	04-04-1994	
910		US- 5,410,328		Goldstein	04-1995	
910		US- 5,448,919		Wilkins, Jeff K.	08-1995	
910		US- 5,448,490		Blahut et al.	08-29-1996	
910		US- 5, 500,681		Jones	03-1996	

Examiner Signature		Date Considered	11/3/05
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Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 5 of 7

Complete If Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	SWIX
Group Art Unit	2161
Examiner Name	
Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SWIX		US- 5,565,838	Lewter et al.	12-17-1998	
SWIX		US- 5,808,448	Smoral et al.	03-04-1997	
SWIX		US- 6,819,247 A	Russo	04-1997	
		US- 6,891,548	Carles, JOHN E.	08-1997	Duplicate submission
SWIX		US- 6,898,670	Mady	10-08-1997	
SWIX		US- 6,724,826	Boyers II et al.	03-1998	
SWIX		US- 6,752,159	Fazal et al.	05-1998	
		US- 6,758,257	Mora et al.	06-1998	Duplicate submission
		US- 6,774,170	Hills et al.	06-1998	Duplicate submission
SWIX		US- 6,778,182	Cathay et al.	07-07-1998	
		US- 6,849,438 B1	Howe et al.	10-08-1998	Duplicate submission
		US- 6,882,305 B1	Howe et al.	04-09-1998	Duplicate submission
SWIX		US- 6,016,344	Kelly et al.	01-18-2000	
		US- 6,076,084 B1	Gohm et al.	06-10-2000	Duplicate submission
SWIX		US- 6,134,531	Trenitt et al.	10-2000	
		US- 6,172,074 B1	Etheredge et al.	01-09-2001	Duplicate submission
		US- 6,202,846	Luthe	03-2001	Duplicate submission
		US- 6,232,586 B1	Emmen et al.	08-25-2001	Duplicate submission
		US- 6,314,677 B1	Recock	11-09-2001	Duplicate submission
SWIX		US- 6,446,261 B1	Rosser	09-2002	
		US- 6,463,586	Hendricks et al.	10-2002	Duplicate submission
SWIX		US- 6,530,082 B1	Del Gesto et al.	03-2002	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ² Number ² Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			EP 1162840 A2	Wilson et al.	12-2001	Duplicate submission

Examiner Signature	<i>John Van Horn</i>	Date Considered	4/13/05
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PTO/SB/08A (09-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/020,779
		Filing Date	December 21, 2001
		First Named Inventor	SWIX
		Group Art Unit	2161
		Examiner Name	
Sheet	6	Of	87
		Attorney Docket Number	BS01377

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gub		PCT Publication No. WO 94/17609 (Kiehl et al., 08-04-1994)	
gub		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <i>The Wall Street Journal</i> , September 26, 1994.	
gub		U.S. Application No. 2002/0032906 A1 (Grossman, 03-2002)	
gub		U.S. Application No. 2002/0036600 A1 (Ulman et al., 03-2002)	
gub		U.S. Application No. 2002/0092019 A1 (Dwight, 07-11-2002)	
gub		U.S. Application No. 2002/0129228 A1 (Elderling et al., 08-2002)	
gub		U.S. Application No. 2002/0143847 A1 (Headings et al., 10-2002)	
gub		U.S. Application No. 2003/0049967 A1 (Kinzo et al., 09-13-2003)	
gub		U.S. Application No. 2003/0110487 A1 (Yasash et al., 06-2003)	
gub		International Search Report for PCT /US0240070 A1	

Examiner Signature		Date Considered	4/3/05
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Substitute for form 1449APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet <u>7</u> of <u>7</u>	Complete If Known	
	Application Number	10/020,779
	Filing Date	12/14/2001
	First Named Inventor	SWIX
	Group Art Unit	2181
	Examiner Name	
	Attorney Docket Number	BS01377

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issues number(s), publisher, city and/or country where published.
9VB		"allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, www.devices.internet.com/com_cgi/print/print.cgi?url=http://devices.../report_interactive.htm, (11/16/01) pp. 1-2.
9VB		"Liberate Technologies - Solutions," Digital Cable Two-Way, www.solutions.liberate.com/architecture/dc2.html, (11/16/01) p. 1 of 1.
9VB		"Liberate Technologies - Solutions," Digital Broadband Telco, www.solutions.liberate.com/architecture/db.html, (11/16/01) p. 1 of 1.
9VB		"Liberate Technologies - Solutions," Liberate Connect Suite, www.solutions.liberate.com/products/connect_suite.html, (11/16/01) pp. 1-2.
9VB		"Liberate Technologies - Solutions," Liberate Imprint Server™, www.solutions.liberate.com/products/imprint_server.html, (11/16/01) p. 1 of 1.
9VB		"Liberate Technologies - Solutions," Liberate Mediacast Server™, www.solutions.liberate.com/products/mediacast_server.html, (11/16/01) pp. 1-2.
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9VB		"power, flexibility, an control," Respond TV, www.respondtv.com/whyrespond.html (11/16/01) pp. 1-2.
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9VB		"How Wink Works," What is Wink: How wink works, www.wink.com/contents/howitworks.shtml, (11/16/01) p. 1 of 1.
9VB		"What is Wink: Examples," What is Wink - Examples, www.wink.com/contents/examples.shtml, (11/16/01) pp. 1-2.
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**INFORMATION DISCLOSURE
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Sheet

1

of

6

Complete If Known

Application Number

10/020,779

Filing Date

December 14, 2001

First Named Inventor

Swix

Group Art Unit

2161

Examiner Name

Unknown

Attorney Docket Number

BS01377

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		3,798,610	✓	Bliss et al.	03-19-1974	
		3,886,302	✓	Kosco	05-27-1975	
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Sub. MCL 1015

John A. Brown

11/3/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete If Known

Application Number 10/020,779
Filing Date December 14, 2001
First Named Inventor Swix
Group Art Unit 2161
Examiner Name Unknown
Attorney Docket Number BS01377

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Sheet	3	of	6	Application Number	10/020,779
				Filing Date	December 14, 2001
				First Named Inventor	Swix
				Group Art Unit	2161
				Examiner Name	Unknown
				Attorney Docket Number	BS01377

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		6,487,538	<input checked="" type="checkbox"/>	Gupta et al.	11-2002	
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		App. 09/799,308	<input checked="" type="checkbox"/>	Grauch	01-06-1997	not published references
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 6

Complete if Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		PCT Publication No. WO 94/17609 (Kieff et al., 08-04-1994)	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 Of 6

Complete if Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	BS01377

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		"What is Wink. Examples," What is Wink – Examples, www.wink.com/contents/examples.html, (11/16/01) pp. 1-2.	
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Examiner Signature

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **6** of **6**

Complete If Known

Application Number	10/020,779
Filing Date	December 14, 2001
First Named Inventor	Swix
Group Art Unit	2161
Examiner Name	Unknown
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Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		5,881,518		Carles, John B.	08-1997	<i>DUPLICATE</i>
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